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CENTRAL INTELLIGENCE AGENCY 25X1 REPORT

INFORMATION REPORT

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First Quarter of 1951

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The following is a list of Communist China's metal requirements for the first quarter of 1951.

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1. Copper ingots:

5,000 metric tons, of which 3,000 tons or more should be electrolytic
99.9% and 2,000 tons maximum fire-refined 99.5% casting copper ingots.

2. Copper wire electrolytic 99.8% minimum:

4,000 metric tons of which 1,000 tons should be SWG 10, 1,000 tons
SWG 11 and 500 tons each of smaller sizes.

3. Copper sheets:

800 metric tons of varied sizes.

4. Copper tubes:

220 metric tons - 20 tons of each of the following:

| | | |
|--------------|---------------|----------------|
| 1/2" | : 20 up (sic) | 1" x 20 up |
| 3/8" x 20 up | | 1 1/2" x 20 up |
| 1/2" x 20 up | | 1 1/2" x 20 up |
| 5/8" x 20 up | | 2" x 20 up |
| 3/4" x 20 up | | 2 1/4" x 20 up |
| 7/8" x 20 up | | |

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5. Copper plated (sic) (hard) size 4' x 8':

100 tons

20 tons 1/6" thickness
 " 1/8" thickness
 " 3/32" thickness
 " 3/16" thickness
 " 1/4" thickness

6. Copper cable:

10,000 metric tons (bigger size the better)

7. Brass sheets:

400 metric tons alloy 63% copper, 37% zinc, size 4' x 8'

80 tons 1/16" thickness
 " 3/32" thickness
 " 1/8" thickness
 " 3/16" thickness
 " 1/4" thickness

8. Brass condenser tubes:

200 tons

| | Out diameter | In diameter | Length |
|---------|--------------|-------------|------------|
| 20 tons | 24mm | 22 mm | 4550 mm |
| 20 tons | 25 mm | 22 mm | 4660 mm |
| 20 tons | 15 mm | 13 1/2 mm | 1155 mm |
| 20 tons | 15/16 in | 7/8 in | 9-1/8 inch |
| 20 tons | 14 mm | 12.8 mm | 1500 mm |
| 20 tons | 16 mm | 14.8 mm | 1250 mm |
| 20 tons | 19 mm | 17.8 mm | 3836 mm |
| 20 tons | 25 mm | 23 mm | 5460 mm |
| 20 tons | 28 mm | 27 mm | 4870 mm |
| 20 tons | 7/8 in | 6/7 in | 4100 mm |

9. Brass sheet varied:

2,000 metric tons

10. Tin Plate:

Any amount

11. Lead ingots:

99.9% preferred but will accept over 98.5%. 2,500 metric tons.

12. Zinc ingots:

99.9% preferred. 1,500 metric tons.

13. Zinc sheets:

3' x 8'. 500 tons

100T G4
 100T G5
 100T G6
 100T G7
 100T G8

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14. Aluminum ingots:

Purity 99.5% up. 2,000 metric tons minimum.

15. Aluminum sheets:

4' x 8'. 800 tons.

200T G16
 200T G18
 200T G30
 200TT G23

16. Nickel ingots:

500 metric tons minimum

Ni 99%
 Cu 0.2%
 C 0.04%
 Fe 0.5%
 Si 0.15%

17. Cobalt Rondels:

50 tons minimum

Co 97%
 Ni 0.5%
 O 1%

18. Chromite:

3,000 tons minimum ship load

| | |
|--------------------------------|--------|
| Gr ₂ O ₃ | 52.6% |
| Al ₂ O ₃ | 11.32% |
| Fe ₂ O ₃ | 0.7% |
| Fe O | 13.3% |
| Mg O | 16.4% |
| Ca O | 1.1% |
| Mn O | 0.3% |
| S ₁ O ₃ | 1.86% |
| SO ₂ | 0.1% |
| H ₂ O | 2.3% |

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1. Ferro-alloys

2. Ferro-chrome 200 tons
68% Cr. 5% C

3. Ferro-manganese 200 tons

78% 0.5% C

4. Ferro-Silicon 65% up 200 tons

5. Ferro-molybdenum 70% Mo. 100 tons

6. Ferro-nickel 85% 50 tons

7. Ferro-cobalt 97 to 99% 50 tons

8. Ferro-titanium 38% Carbon free 50 tons

9. Ferro-tungsten 80% 300 tons

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Iron and Steel

Structural steel: 20,000 tons

Boiler plates: 5,000 tons Flange

 tensile strength 26/30 tons per square inch, of which

| | |
|-------------------------|---------------|
| 500 tons 1/2" thickness | Size 4' x 88' |
| 500 tons 1/8" | " 4' x 8' |
| 500 tons 1/2" | " 5' x 10' |
| 500 tons 5/8" | " 5' x 10' |

Rails: 45 and 52 20,000 tons

Locomotive wheels, rolling stock and locomotives

Tool steels, any amount

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